

Utah Water Supply Outlook Report

May 1, 2006



Lookout Peak SNOTEL in Parleys Canyon, Utah, April 20, 2006 - Snow levels at the top of an 8 foot instrument shelter. Photo by Jon Hamilton. 2006 is the Snow Survey Centennial Celebration - 100 years of public service through snow data collection and water supply forecasting.

Water Supply Outlook Reports and Federal - State - Private Cooperative Snow Surveys

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Internet Address: http://www.ut.nrcs.usda.gov/snow/

How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snowcourses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

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STATE OF UTAH GENERAL OUTLOOK May 1, 2006

SUMMARY

The 2006 water year has been a series of ups and downs - dry months and wet months. March was phenomenally wet and April was a little on the dry side but had much above normal snowmelt across the entire state. This is a very positive thing with regards to the potential of high snowmelt runoff in the north but a little disappointing in areas of southern Utah where snowpacks were below average to begin with. The Lasal and Blue Mountains have melted out along with much of the Fremont River Basin now at 23% of average. The East Fork of the Sevier and Escalante Basins are losing snow quickly and are now at 44% and 21% of average respectively. On the Virgin River, snowpacks below 8000 feet have melted out, leaving only the higher elevations to sustain runoff. In northern Utah, April snowmelt was much above average: Bear - 175%, Weber - 148%, Provo - 145%, and the Uintahs - 260% of average which has removed substantial low and mid elevation snow and reduces somewhat the potential for higher peak flows later in the snowmelt cycle. Northern Utah snowpacks range from 84% on the Uintahs to 124% on the Provo. There are individual areas which have much higher amounts such as the Logan River - 138% and the Wasatch Front at 151% that bear close scrutiny over the next few weeks. In these areas where higher flows are expected, adequate preparation should be taken. Soil moisture values in water producing areas have increased substantially with the onset of snowmelt and in northern Utah are similar to last year. In the south, values are still below those of last year's record runoff which could have a significant negative impact on spring runoff. Overall, soil moisture values range from about 60% in southwestern Utah to 79% of saturation in the upper 24 inches of soil on the Bear River Watershed. Precipitation for April was near average at 96%. This brings the seasonal precipitation, (Oct-Apr) to 110%. Reservoir storage ranges from 34% on the Bear to 96% of capacity in southwestern Utah. Statewide reservoir storage is at 73% of capacity, up 20% from last year. The Bear River basin has relatively poor reservoir storage but otherwise decent streamflow prospects. In general, most areas of the state have excellent reservoir carryover. General water supply conditions range from below to above average and have been improving. Streamflow forecasts range from 18% to 171% of average. Surface Water Supply Indices range from 21% on the Bear River, to 88% on the Provo.

SNOWPACK

May first snowpacks as measured by the NRCS SNOTEL system range from 65% in southwest Utah to 124% on the Provo River Watershed. In select areas of southeastern Utah, snowpacks have already melted out. Higher snowpacks in northern Utah include the Logan - 138% and the Wasatch Front - 151% of normal. April snowmelt was much higher than normal removing much of the lower and some mid elevation snowpack.

PRECIPITATION

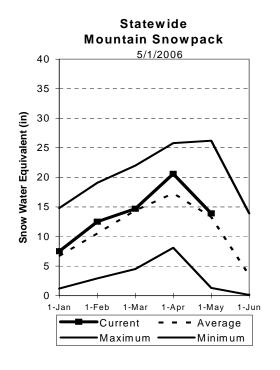
Mountain precipitation during April was near normal at 96% of average statewide. Precipitation was lowest on southwestern watersheds at 71% and highest on the Provo drainage at 119% of average. This brings the seasonal accumulation (Oct-Apr) to 110% of average statewide.

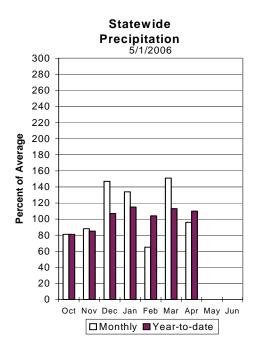
RESERVOIRS

Storage in 41 of Utah's key irrigation reservoirs is at 73% of capacity. This is an increase of 20% from last year. Reservoirs across the State have been making steady gains in storage. Bear Lake really is the last reservoir to remain in an extremely low condition due to the prolonged drought.

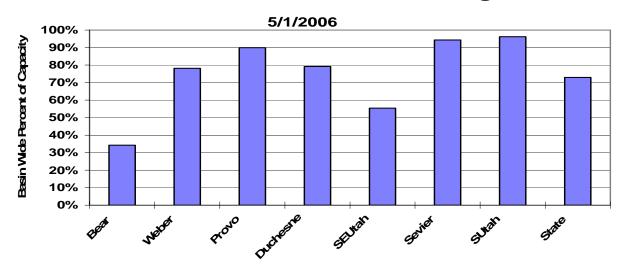
STREAMFLOW

Snowmelt streamflows are expected to have a wide range from much below average to much above average across the state of Utah this year. Forecast streamflows range from 20% on Recapture Creek near Blanding to 181% of average for Wheeler Creek on the Ogden Basin. Most flows are forecast to be in the 70% to 125% range.





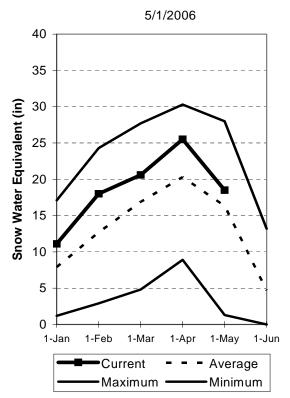
Statewide Basin Reservoir Storage



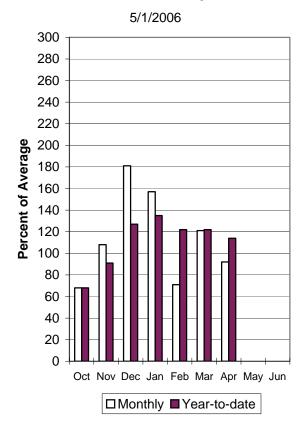
Bear River Basin May 1, 2006

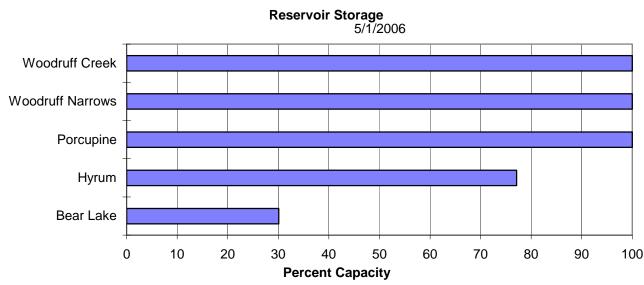
Snowpacks on the Bear River Basin are above average at 113% of normal, about 112% of last year and down 13% relative to last month. Specific sites range from 0% to 356% of normal. April precipitation was average at 90%, which brings the seasonal accumulation (Oct-April) to 117% of average. Soil moisture levels in runoff producing areas are at 78% of saturation in the upper 2 feet of soil compared to 79% last year. Forecast streamflows range from average to above average (94%-133%) volumes this spring. Reservoir storage is low at 34% of capacity, 21% more than last year. The Surface Water Supply Index is at 23% for the Bear River, or 77% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage but improved significantly over the last two years.

Bear River Snowpack



Bear River Precipitation





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BEAR RIVER BASIN Streamflow Forecasts - May 1, 2006

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		<====== Drier ====== Future Conditions ====== Wette				===== Wetter	====>>	!
Forecast Point	Forecast	 		- Chance Of E	Tyceeding *			
rorecast rome	Period	 90%	70%	50		30%	10%	30-Yr Avg.
	161100	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
		(1000AF)		(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
Bear River nr UT-WY State Line	APR-JUL	104	112	118	104	124	132	113
bear kiver in or-wi bcace nine	MAY-JUL	96	104	110	103	116	124	107
	MAI-00D	30	101	110	103	110	121	107
Bear River ab Reservoir nr Woodruff	APR-JUL	97	115	128	94	141	159	136
	MAY-JUL	85	102	114	98	126	143	116
						i		
Big Creek nr Randolph	APR-JUL	2.3	4.1	5.6	114	7.2	10.0	4.9
-	MAY-JUL	2.1	3.4	4.5	105	5.8	7.9	4.3
						i		
Smiths Fork nr Border	APR-JUL	105	110	113	110	116	121	103
	MAY-JUL	93	98	101	106	104	109	95
			i			İ		
Bear River at Stewart Dam	APR-JUL	193	226	250	107	275	314	234
	MAY-JUL	151	183	205	110	228	258	186
						İ		
Little Bear River at Paradise	APR-JUL	48	55	60	130	65	73	46
	MAY-JUL	20	27	33	103	j 39	49	32
			i			İ		
Logan R Abv State Dam Nr Logan	APR-JUL	144	153	160	127	167	177	126
	MAY-JUL	109	126	138	128	151	170	108
						İ		
Blacksmith Fk Abv Up&L Dam Nr Hyrum	APR-JUL	53	59	64	133	69	77	48
	MAY-JUL	28	36	42	105	49	59	40
						İ		

BEAR		BEAR RIVER BASIN									
Reservoir Storage (1000 AF) - End	of April			Watershed Snowpack Analysis - May 1, 2006						
Usable *** Usable Storage ***						Nun	nber	This Year	as % of		
Reservoir	Capacity	This	Last		Watershed	•	o£				
	į	Year	Year	Avg		Data	Sites	Last Yr	Average		
=======================================						======					
BEAR LAKE	1302.0	391.9	121.7		BEAR RIVER, UPPER (al	v Ha	6	102	108		
HYRUM	15.3	11.8	13.7	13.2	BEAR RIVER, LOWER (b)		8	117	118		
HIROM	15.3	11.0	13.7	13.2	BEAR RIVER, LOWER (D)	w па	0	117	110		
PORCUPINE	11.3	11.3	11.3	9.5	LOGAN RIVER		4	115	138		
WOODRUFF NARROWS	57.3	57.3	31.0	38.5	RAFT RIVER		1	185	183		
						_					
WOODRUFF CREEK	4.0	4.0	4.0		BEAR RIVER BASIN	3	14	110	113		

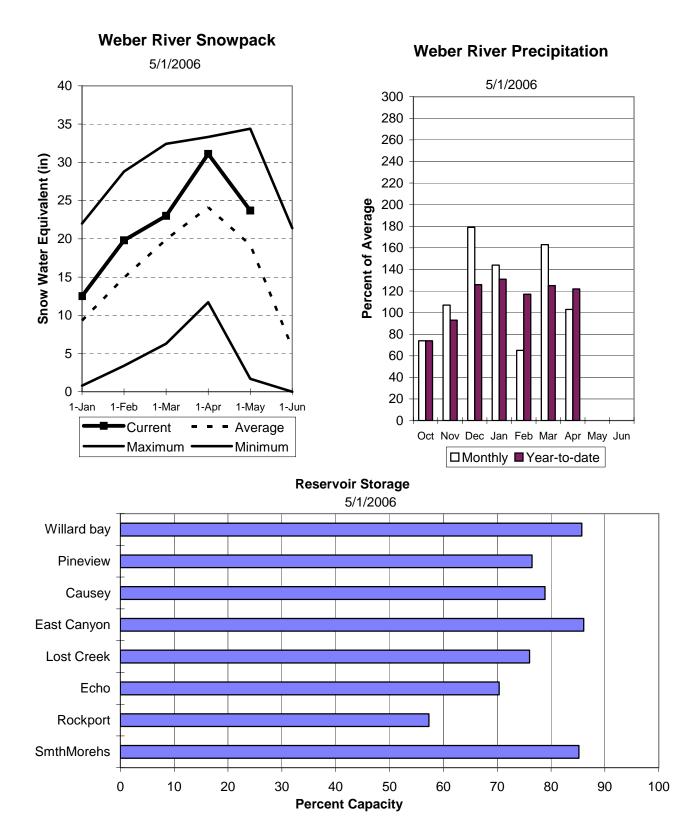
^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

^{(2) -} The value is natural volume - actual volume may be affected by upstream water management.

Weber and Ogden River Basins May 1, 2006

Snowpack on the Weber and Ogden Watersheds is above average at 123%, about 96% of last year and down 6% relative to last month. Individual sites range from 0% to 200% of average. April precipitation was average at 103% bringing the seasonal accumulation (Oct-April) to 122% of average. Soil moisture levels in runoff producing areas are at 76% of saturation in the upper 2 feet of soil compared to 78% last year. Streamflow forecasts range from 104% to 181% of average. Reservoir storage is at 78% of capacity, the same as last year. The Surface Water Supply Index is at 53% for the Weber River and at 83% for the Ogden River. Overall water supply conditions are normal to much above normal.



WEBER & OGDEN WATERSHEDS in Utah Streamflow Forecasts - May 1, 2006

		<<===== Drier ===== Future Conditions ====== Wetter =====>>						
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Forecast Point	Forecast	•			_			
	Period	90%	70%	50		30%	10%	30-Yr Avg.
		(1000AF)	(1000AF)	!	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
Guilde A Marchana Dan Juffler				l		I		
Smith & Morehouse Res inflow	APR-JUL	32 29	34 31	36 33	106 107	38 35	40 37	34 31
	MAY-JUL	29	31	33 	107] 35	37	31
Weber River nr Oakley	APR-JUL	117	126	l l 132	107	l l 138	147	123
Weber River in Carrey	MAY-JUL	96	109	119	105	129	145	113
	MAI-00L	30	105	1 117	103	1 127	143	113
Rockport Resv Inflow Nr Wanship	APR-JUL	128	139	147	110	l 155	166	134
•	MAY-JUL	93	112	125	104	139	161	120
						İ		
Weber River nr Coalville	APR-JUL	135	146	153	112	160	171	137
	MAY-JUL	98	117	131	115	146	169	114
				İ		İ		
Chalk Creek at Coalville	APR-JUL	35	42	47	104	52	59	45
	MAY-JUL	24	32	38	103	45	56	37
Echo Reservoir inflow	APR-JUL	161	178	190	106	202	219	179
	MAY-JUL	112	137	155	102	174	205	152
Lost Creek Reservoir inflow	APR-JUL	16.7	19.2	21	119	23	26	17.6
	MAY-JUL	7.7	10.9	13.4	104	16.1	21	12.9
East Canyon Reservoir inflow	APR-JUL	47	52	l l 55	177	l l 58	64	31
East Canyon Reservoir Inflow	MAY-JUL	26	32	33 37	168	1 42	50	22
	MAI-00L	20	32	j 3,	100	14	30	22
Weber River at Gateway	APR-JUL	370	405	l 430	121	l 455	490	355
model miner as sassmay	MAY-JUL	230	270	300	110	330	370	273
				i		i		
SF Ogden River nr Huntsville	APR-JUL	75	79	82	128	i 85	89	64
_	MAY-JUL	36	45	51	109	j 58	68	47
				İ		İ		
Pineview Reservoir inflow	APR-JUL	175	185	195	147	205	215	133
	MAY-JUL	69	90	105	118	122	148	89
Wheeler Creek nr Huntsville	APR-JUL	10.4	11.0	11.4	181	11.8	12.4	6.3
	MAY-JUL	5.1	6.3	7.3	170	8.3	9.9	4.3
				I		I		

WEBER & OGDEN WATERSHEDS in Utah WEBER & OGDEN WATERSHEDS in Utah Reservoir Storage (1000 AF) - End of April Watershed Snowpack Analysis - May 1, 2006 Usable *** Usable Storage *** Number This Year as % of Reservoir Capacity This Last Watershed of Year Year Avg Data Sites Last Yr Average CAUSEY 7.1 5.6 6.4 4.0 OGDEN RIVER 4 96 114 EAST CANYON 49.5 42.6 39.1 40.5 WEBER RIVER 9 100 129 ECHO 73.9 52.0 62.8 52.9 WEBER & OGDEN WATERSHEDS 13 98 123 LOST CREEK 22.5 17.1 11.6 15.6 PINEVIEW 110.1 84.2 92.0 77.7 ROCKPORT 60.9 34.9 41.0 38.6 WILLARD BAY 215.0 184.3 170.0 168.0

The average is computed for the 1971-2000 base period.

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

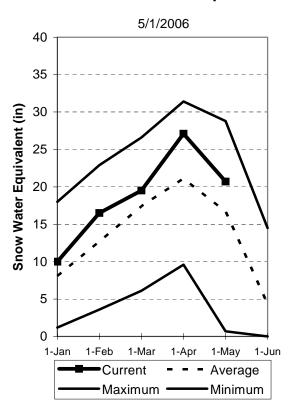
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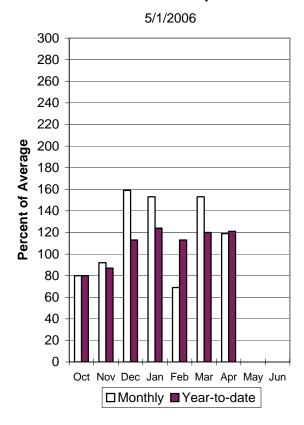
Utah Lake, Jordan River & Tooele Valley Basins May 1, 2006

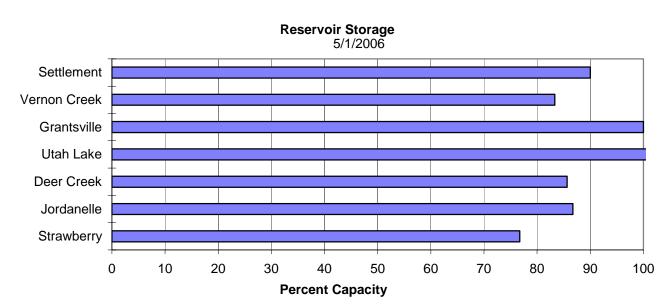
Snowmelt during April 2006 was 45% greater than normal leaving snowpacks over these watersheds above average at 124%, 85% of last year. Individual sites range from 19% to 200% of average. April precipitation was also above average at 117%, bringing the seasonal accumulation (Oct-Apr) to 120% of average. Soil moisture levels in runoff producing areas are at 71% of saturation in the upper 2 feet of soil compared to 78% last year—an increase of 17% from last month. Forecast streamflows range from 88% to 156% of average. Reservoir storage is at 90% of capacity, 21% more than last year. The Surface Water Supply Index is at 73%, or only 27 in 100 years would have more total water available. General water supply conditions are above average.

Provo River Snowpack



Provo River Precipitation





UTAH LAKE, JORDAN RIVER & TOOELE VALLEY Streamflow Forecasts - May 1, 2006

		<<=====	Drier ====	== Future Co	nditions ==	===== Wetter	====>>	
							I	
Forecast Point	Forecast	======	========	= Chance Of E	xceeding * :		======	
	Period	90%	70%	50	1%	30%	10%	30-Yr Avg.
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
			========	=======				
Spanish Fork River nr Castilla	APR-JUL	48	76	95	123	114	142	77
	MAY-JUL	37	54	67	112	82	106	60
Provo River nr Woodland	APR-JUL	98	111	120	117	129	142	103
	MAY-JUL	83	96	105	114	114	127	92
Provo River nr Hailstone	APR-JUL	101	118	129	118	140	157	109
	MAY-JUL	84	101	113	119	126	146	95
Deer Creek Resv Inflow	APR-JUL	99	124	141	112	158	183	126
	MAY-JUL	84	104	119	117	135	161	102
American Fk Abv Upper Powerplant	APR-JUL	35	39	41	128	43	47	32
	MAY-JUL	28	33	37	123	41	47	30
Utah Lake inflow	APR-JUL	235	312	365	112	418	495	325
	MAY-JUL	145	222	275	115	328	405	239
West Canyon Ck Nr Cedar Fort	APR-JUL	1.6	2.1	2.5	104	2.9	3.5	2.4
	MAY-JUL	1.1	1.5	1.8	86	2.1	2.6	2.1
Little Cottonwood Ck nr SLC	APR-JUL	49	53	55	138	58	61	40
	MAY-JUL	43	48	52	141	56	62	37
Big Cottonwood Ck nr SLC	APR-JUL	41	45	48	126	51	55	38
	MAY-JUL	35	39	42	127	45	50	33
Mill Creek nr SLC	APR-JUL	7.0	8.5	9.5	136	10.5	12.0	7.0
	MAY-JUL	5.8	7.1	8.0	136	9.0	10.6	5.9
Parley's Creek nr SLC	APR-JUL	16.4	20	23	138	26	30	16.7
	MAY-JUL	9.4	12.6	15.0	117	17.7	22	12.8
Dell Fork nr SLC	APR-JUL	7.5	9.3	10.6	156	11.9	13.7	6.8
	MAY-JUL	3.9	5.8	7.0	140	8.3	10.1	5.0
Emigration Creek nr SLC	APR-JUL	3.6	5.2	6.2	138	7.3	8.8	4.5
	MAY-JUL	1.6	2.5	3.2	103	4.0	5.3	3.1
City Creek nr SLC	APR-JUL	9.9	11.8	13.0	149	14.3	16.1	8.7
-	MAY-JUL	7.4	9.3	10.8	148	12.4	14.9	7.3
Vernon Creek nr Vernon	APR-JUL	0.9	1.1	1.3	88	1.5	1.9	1.5
	MAY-JUL	0.4	0.7	0.9	80	1.1	1.5	1.1
Settlement Creek Abv Resv Nr Tooele	APR-JUL	1.3	1.8	2.1	100	2.5	3.1	2.1
	MAY-JUL	1.0	1.3	1.6	87	1.9	2.4	1.8
South Willow Creek nr Grantsville	APR-JUL	3.8	4.2	4.5	139	4.8	5.2	3.2
	MAY-JUL	3.2	3.6	3.9	139	4.2	4.7	2.8
	-					<u>'</u>		

UTAH LAKE, JORDA	UTAH LAKE, JORDAN RIVER & TOOELE VALLEY										
Reservoir Storage (1	000 AF) - End	of April	-		Watershed Snowpack Analysis - May 1, 2006						
	Usable	*** Usa	ble Stora	ge ***		Number	This Yea	r as % of			
Reservoir	Capacity	This	Last		Watershed	o£	======	=======			
		Year	Year	Avg	D	ata Sites	Last Yr	Average			
						=======		=======			
DEER CREEK	149.7	128.2	138.8	119.4	PROVO RIVER & UTAH LAKE	7	76	104			
GRANTSVILLE	3.3	3.3	3.3	2.8	PROVO RIVER	4	77	114			
SETTLEMENT CREEK	1.0	0.9	0.9	0.7	JORDAN RIVER & GREAT SAL	т 6	102	151			
STRAWBERRY-ENLARGED	1105.9	848.6	727.4	663.7	TOOELE VALLEY WATERSHEDS	3	62	94			
			4								
UTAH LAKE	870.9	946.0	582.4	872.6	UTAH LAKE, JORDAN RIVER	& 16	86	124			
THEN ON CORRE	0.6	٥	0.6								
VERNON CREEK	0.6	0.5	0.6								

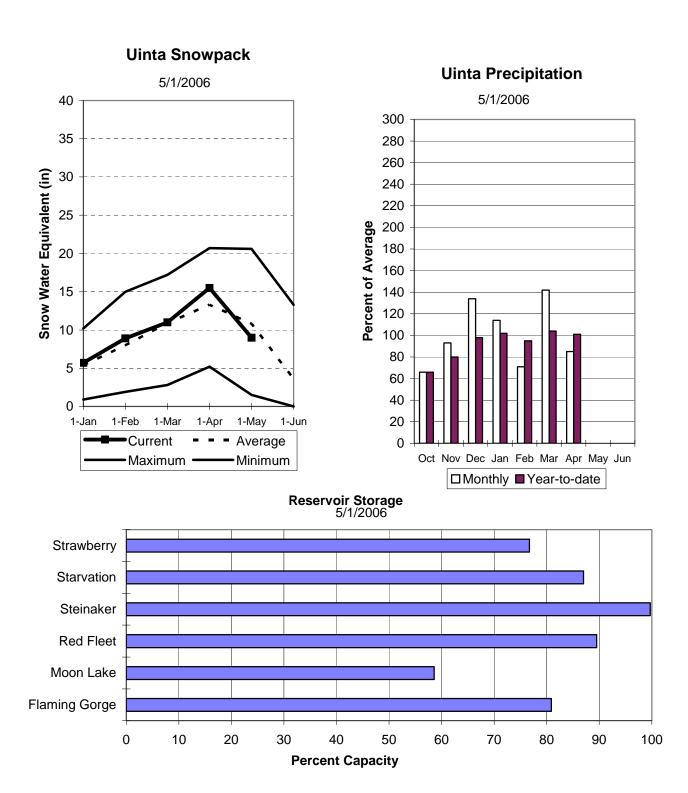
^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

⁽²⁾ - The value is natural volume - actual volume may be affected by upstream water management.

Uintah Basin and Dagget SCD's May 1, 2006

Snowmelt during April 2006 was more than two and one-half times normal leaving the snowpacks across the Uintah Basin and North Slope areas below average at 84%, which is 58% of last year. The North Slope ranges from 0% to 107% and the Uintah Basin ranges from 0% to 131% of average. Precipitation during April was below average at 84% bringing the seasonal accumulation (Oct-Apr) to 101% of average. Soil moisture values in runoff producing areas are at 75% of saturation in the upper 2 feet of soil, practically the same as last year when it was 74%. Reservoir storage is at 79% of capacity, 10% more than last year. The Surface Water Supply Index for the western area is 67% and for the eastern area it is 43% indicating above normal conditions on the west side and slightly below for the eastern area. Streamflow forecasts range from 67% to 124% of average. General water supply conditions range from above to near average from west to east.



UINTAH BASIN & DAGGET SCD'S Streamflow Forecasts - May 1, 2006

Streamilow Forecasts - May 1, 2006									
						 Wetter			
		\\	Dilei	Fucure Co	marcions -	Weller			
Forecast Point	Forecast	 		- Change Of E	ryceeding * :				
rolecast roint	Period	 90%	70%	50	_	 l 30%	10%	30-Yr Avg.	
	161100	(1000AF)	(1000AF)		(% AVG.)	(1000AF)	(1000AF)	(1000AF)	
=======================================									
Blacks Fork nr Robertson	APR-JUL	74	87	97	102	107	123	95	
Dident Ion III Repercedi	MAY-JUL	71	84	94	102	104	120	92	
EF of Smiths Fork nr Robertson	APR-JUL	18.0	23	26	90	30	36	29	
	MAY-JUL	17.6	22	26	93	29	35	28	
Flaming Gorge Reservoir Inflow (2)	APR-JUL	760	950	1100	92	1260	1510	1190	
	MAY-JUL	620	820	965	93	1130	1380	1035	
Big Brush Ck abv Red Fleet Resv	APR-JUL	13.0	15.8	18.0	86	20	24	21	
3	MAY-JUL	9.4	12.2	14.4	77	16.7	20	18.8	
Ashley Creek nr Vernal	APR-JUL	24	30	35	67	40	48	52	
-	MAY-JUL	21	28	32	64	37	45	50	
WF Duchesne River nr Hanna (2)	APR-JUL	18.2	23	26	108	30	35	24	
	MAY-JUL	14.8	19.1	23	107	26	32	22	
Duchesne R nr Tabiona (2)	APR-JUL	80	96	106	101	118	135	105	
	MAY-JUL	69	84	95	99	107	125	96	
Upper Stillwater Resv Inflow	APR-JUL	73	82	89	109	96	107	82	
	MAY-JUL	71	81	87	110	94	104	79	
Rock Ck nr Mountain Home (2)	APR-JUL	83	93	100	112	108	119	89	
	MAY-JUL	76	86	94	111	101	113	85	
Duchesne R abv Knight Diversion (2)	APR-JUL	158	182	200	106	220	245	188	
	MAY-JUL	142	166	183	106	200	230	173	
Strawberry R nr Soldier Springs (2)	APR-JUL	44	54	62	105	70	84	59	
	MAY-JUL	29	40	47	102	55	69	46	
Currant Creek Reservoir Inflow (2)	APR-JUL	18.8	26	31	124	37	47	25	
	MAY-JUL	16.1	23	28	127	34	44	22	
Strawberry R nr Duchesne (2)	APR-JUL	88	110	126	104	144	173	121	
	MAY-JUL	63	85	101	101	119	148	100	
Lake Fork River Moon Lake Inflow	APR-JUL	59	67	73	107	79	88	68	
	MAY-JUL	56	64	70	108	75	85	65	
Yellowstone River nr Altonah	APR-JUL	47	55	61	98	67	76	62	
	MAY-JUL	43	51	57	97	63	72	59	
Duchesne R at Myton (2)	APR-JUL	177	220	250	96	285	335	260	
	MAY-JUL	156	198	230	100	260	315	230	
Whiterocks near Whiterocks	APR-JUL	35	43	48	86	54	63	56	
	MAY-JUL	32	39	44	83	50	59	53	
Duchesne R nr Randlett (2)	APR-JUL	168	235	290	90	350	450	324	
	MAY-JUL	142	210	265	92	325	420	289	

UINTAH Reservoir Storage	BASIN & DAGGET S			UINTAH BASIN & DAGGET SCD'S Watershed Snowpack Analysis - May 1, 2006					
Reservoir	Usable Capacity		able Stora Last Year	age *** Avg	Watershed	Number of ta Sites		r as % of Average	
FLAMING GORGE	3749.0	3033.0	2913.0	2952.0	UPPER GREEN RIVER in UTAH	6 6	42	42	
MOON LAKE	49.5	29.0	21.3	30.8	ASHLEY CREEK	2	4	7	
RED FLEET	25.7	23.0	17.3	19.9	BLACK'S FORK RIVER	2	96	75	
STEINAKER	33.4	33.3	29.5	25.0	SHEEP CREEK	1	0	0	
STARVATION	165.3	143.8	142.5	139.7	DUCHESNE RIVER	11	62	101	
STRAWBERRY-ENLARGED	1105.9	848.6	727.4	663.7	LAKE FORK-YELLOWSTONE CRE	4	74	114	
					STRAWBERRY RIVER	4	68	90	
					 UINTAH-WHITEROCKS RIVERS	2	39	82	
					 UINTAH BASIN & DAGGET SCD 	17	58	84	

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

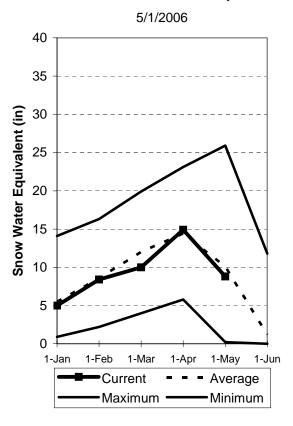
^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

^{(2) -} The value is natural volume - actual volume may be affected by upstream water management.

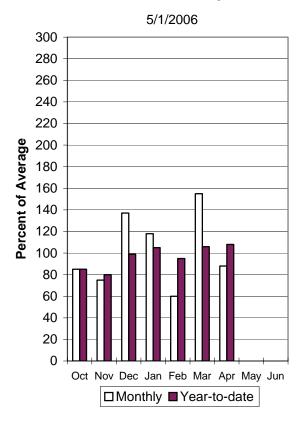
Carbon, Emery, Wayne, Grand and San Juan Co. May 1, 2006

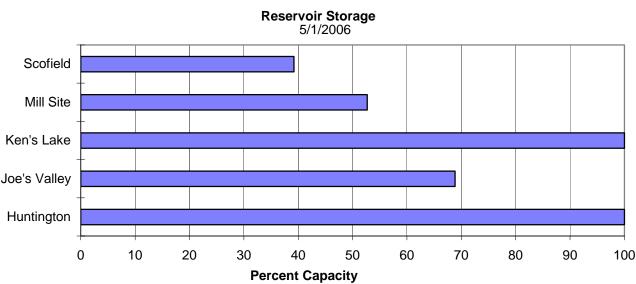
Snowpacks in this region are below normal at 87% of average, about 60% of last year. Individual sites range from 0% to 238% of average, with particularly poor conditions in the Book Cliffs, Lasal, and Abajo areas. Precipitation during April was below average at 86%, bringing the seasonal accumulation (Oct-Apr) to 103% of normal. Snow melt in April was 42% greater than average with about one third of sites now melted out. Soil moisture estimates in runoff producing areas are at 77% of saturation in the upper 2 feet of soil compared to 78% last year and up 33% from last month. Forecast streamflows range from 20% to 126% of average. Reservoir storage is at 55% of capacity, up 14% from last year. Surface Water Supply Indices for the area are: Price 36%, San Rafael area 68% and Moab 48%. General runoff and water supply conditions are near normal, for the San Rafael and Moab area, and low for the Price due to low storage related to reservoir management, but extremely variable over the region.

Southeast Utah Snowpack



Southeast Utah Precipitation





CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co. Streamflow Forecasts - May 1, 2006

		<<===== 	Drier ====	== Future Co	onditions ==	===== Wetter	====>>		
Forecast Point	Forecast	======							
	Period	90%	70%	50	1%	30%	10%	30-Yr Avg.	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)	
Gooseberry Creek nr Scofield	APR-JUL	10.1	11.8	13.0	109	14.3	16.4	11.9	
	MAY-JUL	8.5	10.3	11.5	107	12.9	14.9	10.8	
Price River near Scofield Reservoir	APR-JUL	32	43	50	111	58	68	45	
	MAY-JUL	22	32	40	100	48	58	40	
White River blw Tabbyune Creek	APR-JUL	16.1	18.9	21	121	23	27	17.3	
	MAY-JUL	9.8	12.6	14.7	108	17.0	21	13.6	
Green River at Green River, UT (2)	APR-JUL	2850	3110	3300	104	3490	3740	3170	
	MAY-JUL	2300	2580	2770	101	2960	3210	2740	
Huntington Ck Inflow to Electric Lk	APR-JUL	14.4	16.5	18.0	115	19.6	22	15.7	
	MAY-JUL	12.2	14.1	15.7	112	17.2	19.7	14.0	
Huntington Ck nr Huntington	APR-JUL	32	43	50	100	58	69	50	
	MAY-JUL	26	36	44	98	52	63	45	
Joe's Valley Resv Inflow	APR-JUL	49	59	67	116	j 75	88	58	
	MAY-JUL	45	55	62	117	j 70	83	53	
Ferron Ck (Upper Station) nr Ferron	APR-JUL	37	43	46	118	j 50	55	39	
	MAY-JUL	35	40	43	119	47	53	36	
Colorado River Near Cisco (2)	APR-JUL	2420	3390	4050	87	4700	5670	4650	
	MAY-JUL	1670	2610	3290	81	3960	4940	4080	
Mill Creek at Sheley Tunnel nr Moab	APR-JUL	3.0	3.5	3.9	78	4.3	4.9	5.0	
	MAY-JUL	2.3	2.8	3.2	74	3.6	4.3	4.3	
Seven Mile Ck nr Fish Lake	APR-JUL	2.9	3.5	4.0	57	4.6	5.5	7.0	
	MAY-JUL	1.8	2.5	3.0	49	3.5	4.5	6.1	
Muddy Creek nr Emery	APR-JUL	19.7	23	25	126	27	31	19.9	
	MAY-JUL	16.4	19.4	22	122	24	28	18.0	
North Ck ab R.S. nr Monticello	MAR-JUL	0.0	0.1	0.2	21	0.2	0.4	0.8	
	MAY-JUL	0.0	0.1	0.1	19	0.2	0.3	0.6	
South Ck ab Lloyd's Res nr Monticell	MAR-JUL	0.1	0.2	0.3	22	0.5	0.8	1.4	
	MAY-JUL	0.0	0.1	0.1	15	0.2	0.4	1.0	
Recapture Ck Bl Johnson Ck nr Blandi		0.2	0.6	1.0	20	1.5	2.6	5.0	
	MAY-JUL	0.1	0.2	0.3	12	0.6	1.0	2.9	
San Juan River near Bluff (2)	APR-JUL	380	480	565	46	650	800	1230	
	MAY-JUL	225	320	305 405	42	l 495	645	975	
	501	223	520	1 100		1 100	0.10	373	

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co. Reservoir Storage (1000 AF) - End of April CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co. Watershed Snowpack Analysis - May 1, 2006

Repervoir beorage (100	,, , ,	naccipiled biloupdest initially bib indi 1, 2000						
Reservoir	Usable Capacity	*** Usal This Year	ole Storag Last Year	ge *** Avg	Watershed	Number of Data Sites		r as % of ======= Average
HUNTINGTON NORTH	4.2	4.2	4.2	4.1	=====================================	3	83	105
JOE'S VALLEY	61.6	42.4	36.5	41.9	 SAN RAFAEL RIVER	3	124	130
KEN'S LAKE	2.3	2.3	1.1	1.6	MUDDY CREEK	1	98	119
MILL SITE	16.7	8.8	1.5	99.7	FREMONT RIVER	3	11	23
SCOFIELD	65.8	25.8	17.8	37.4	LASAL MOUNTAINS	1	0	0
					BLUE MOUNTAINS	1	0	0
					WILLOW CREEK	1	0	0
					CARBON, EMERY, WAYNE,	GRA 13	60	87

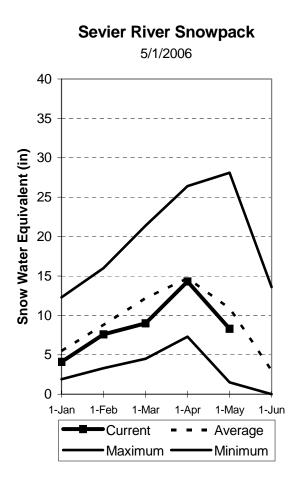
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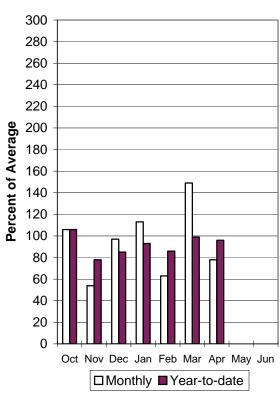
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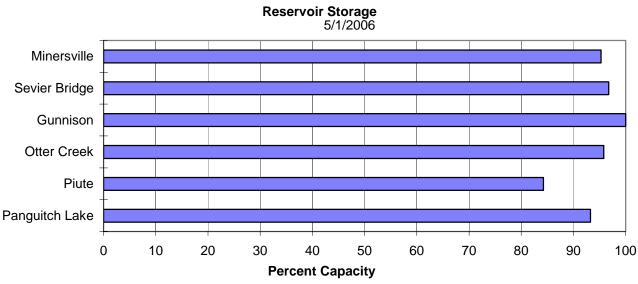
Sevier and Beaver River Basins May 1, 2006

Snowpacks on the Sevier River Basin are below normal at 76% of average, about 44% of last year and down 22% relative to last month. Individual sites range from 0% to 134% of average. Precipitation during April was below average at 78% of normal, bringing the seasonal accumulation (Oct-Apr) to 96% of average. Soil moisture estimates in runoff producing areas are at 70% of saturation (Sevier) in the upper 2 feet of soil compared to 78% last year. Streamflow forecasts range from 53% to 114% of average. Reservoir storage is at 94% of capacity, 45% more than last year. Surface Water Supply Indices are: Upper Sevier 57%, Lower Sevier 60% and Beaver 64%. Water supply conditions range from much below to above average.



Sevier River Precipitation 5/1/2006





SEVIER & BEAVER RIVER BASINS Streamflow Forecasts - May 1, 2006

=======================================								
		<<=====	Drier ====	== Future Co	nditions ==	===== Wetter	====>>	
Forecast Point	Forecast	======			-		======	
	Period	90%	70%	50		30%	10%	30-Yr Avg.
		(1000AF)	(1000AF)		(% AVG.)	(1000AF)		(1000AF)
				!		!		
Sevier River at Hatch	APR-JUL	28	37	43	78	49	58	55
	MAY-JUL	24	30	34	71	39	46	48
			4.0				0.5	
Sevier River nr Kingston	APR-JUL	31	46	56	63	66	81	89
	MAY-JUL	10.2	25	39	53	56	86	74
EF Sevier R nr Kingston	APR-JUL	11.7	23	l l 30	79	l l 37	48	38
Er Seviel k ill Kingscon	MAY-JUL	3.8	11.4	19.0	68	37 29	46	28
	MAI-00L	3.0	11.1	±3.0	00	27	40	20
Sevier R blw Piute Dam	APR-JUL	30	60	l 80	64	100	130	126
	MAY-JUL	22	42	60	59	81	118	102
				i		i		
Clear Creek Abv Diversions Nr Sevier	APR-JUL	9.7	13.5	16.0	73	18.5	22	22
	MAY-JUL	7.8	10.2	12.0	67	13.9	17.1	17.9
				İ		İ		
Salina Creek at Salina	APR-JUL	2.1	7.4	11.0	56	17.4	27	19.7
	MAY-JUL	3.0	6.0	8.6	49	11.7	17.1	17.4
Manti Ck Blw Dugway Ck Nr Manti	APR-JUL	16.1	18.9	21	115	23	27	18.3
	MAY-JUL	14.7	17.5	19.5	114	22	25	17.1
						ļ <u>.</u>		
Sevier R nr Gunnison	APR-JUL	65	122	160	57	245	370	280
	MAY-JUL	28	73	110	49	147	201	227
Chicken Creek nr Levan	APR-JUL	3.1	3.7	l 4.2	93	l 4.7	5.5	4.5
Chicken Creek in Levan	MAY-JUL	1.0	1.8	1 2.4	71	1 4.7 1 3.2	4.5	3.4
	MAI-UUL	1.0	1.0	<u>2.7</u> 	71] J.Z	4.5	3.1
Oak Creek nr Oak City	APR-JUL	1.1	1.4	1.6	96	1.8	2.1	1.7
our oron in our oron	MAY-JUL	0.5	0.7	0.9	84	1.1	1.5	1.1
			***			i		
Beaver River nr Beaver	APR-JUL	17.7	21	23	85	25	29	27
	MAY-JUL	13.4	17.2	20	83	23	28	24
						İ		
Minersville Reservoir inflow	APR-JUL	3.4	6.9	10.0	60	13.7	20	16.6
	MAY-JUL	2.3	5.2	7.9	55	11.1	16.8	14.5

SEVIER & BEAV Reservoir Storage (100	SEVIER & BEAVER RIVER BASINS Watershed Snowpack Analysis - May 1, 2006							
Reservoir	Usable Capacity	*** Usab This Year	le Storag Last Year	e *** Avg	Watershed	Number of Data Sites	This Year	as % of Average
GUNNISON	20.3	20.3	3.5	15.7	UPPER SEVIER RIVER (sou	th 8	22	63
MINERSVILLE (RkyFd)	23.3	22.2	9.7	18.0	EAST FORK SEVIER RIVER	3	16	44
OTTER CREEK	52.5	50.3	43.2	46.0	SOUTH FORK SEVIER RIVER	5	27	73
PIUTE	71.8	60.5	47.3	55.5	LOWER SEVIER RIVER (inc	lu 6	90	80
SEVIER BRIDGE	236.0	228.3	89.2	183.6	BEAVER RIVER	2	51	93
PANGUITCH LAKE	22.3	20.8	12.7	164.6	SEVIER & BEAVER RIVER B.	AS 16	42	76

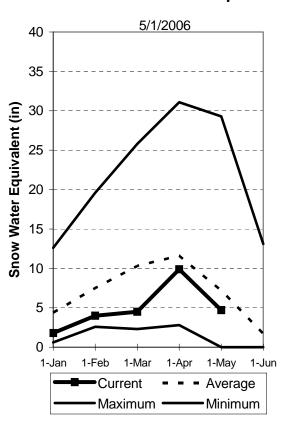
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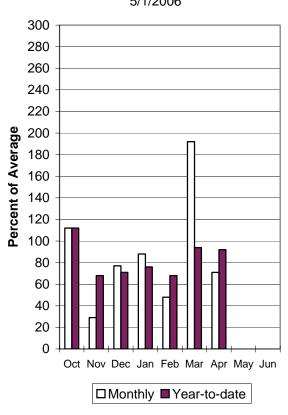
E. Garfield, Kane, Washington, & Iron Co. May 1, 2006

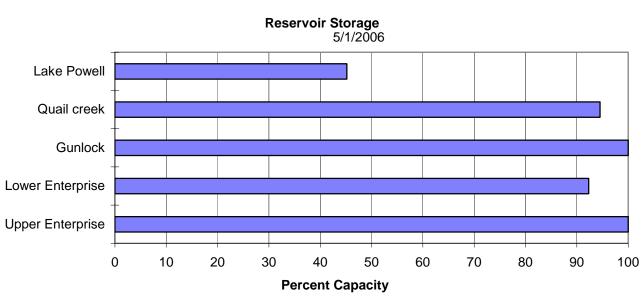
Snowpacks in this region are much below normal at 65% of average, about 22% of last year. Individual sites range from 0% to 99% of average. Precipitation was below normal during April at 74% of average, bringing the seasonal accumulation (Oct-Apr) to 92% of normal. Snow melt in April was 18% above average with about half of sites now melted out. Soil moisture estimates in runoff producing areas are at 60% of saturation in the upper 2 feet of soil compared to 69% last year and up 10% from last month. Forecast streamflows range from 62% to 86% of average. Reservoir storage is at 93% of capacity, 4% less than last year. The Surface Water Supply Index is at 70%, indicating above normal water availability, due to high reservoir storage.

Southwest Utah Snowpack



Southwest Utah Precipitation 5/1/2006





E. GARFIELD, KANE, WASHINGTON, & IRON Co. Streamflow Forecasts - May 1, 2006

		<<=====	Drier ====	== Future Co	nditions =:	===== Wetter	====>>		
		İ							
Forecast Point	Forecast	i ======		= Chance Of E	Exceeding * :				
	Period	90%	70%	J 50	_	l 30%	10%	30-Yr Avg.	
		(1000AF)	(1000AF)	(1000AF)		(1000AF)	(1000AF)	(1000AF)	
		(2000112 <i>)</i>	=======			(2000112) 		=========	
Lake Powell Inflow (2)	APR-JUL	5390	6190	l 6800	86	1 7370	8250	7930	
	APR-JUL	4350	5210	5790	83	6370	7230	6940	
		2000	5225	1 2.20		1	, 200	0,720	
Virgin River at Virgin	APR-JUL	40	44	l 1 47	73	! 51	56	64	
viigin kivei de viigin	MAY-JUL	15.5	19.7	23	55	26	32	42	
	MAI-UUL	13.3	19.7	23 	33	20 	32	72	
Virgin River near Hurricane	APR-JUL	37	43	l 49	71	l 55	66	69	
Vilgin kiver hear narricane	MAY-JUL	13.3	20	1 26	57	33	43	46	
	MAI-UUL	13.3	20	20 	57] 32 	43	40	
Santa Clara River nr Pine Valley	APR-JUL	2.5	3.0	 3.4	62	l 3.8	4.5	5.5	
banca crara krver in rine variey	MAY-JUL	1.0	1.5	1.9	42	2.3	3.0	4.5	
	MAI-UUL	1.0	1.5	1 1.9	42	2.3 	3.0	4.5	
Coal Creek nr Cedar City	APR-JUL	13.7	15.4	16.5	86	17.7	19.5	19.3	
	MAY-JUL	7.3	9.4	11.1	70	12.9	15.8	15.9	
	1111 -0011	7.5	J. T		70	1 12.5	13.0	13.7	
				l 		l 			

E. GARFIELD, KANE, WASHINGTON, & IRON Co. Reservoir Storage (1000 AF) - End of April

E. GARFIELD, KANE, WASHINGTON, & IRON Co. Watershed Snowpack Analysis - May 1, 2006

Reservoir Storage (1000 AF) - End of April					watershed showpack Analysis - may 1, 2006				
Reservoir	Usable Capacity	!	able Storag Last Year	ge *** Avg	Watershed	Number of ata Sites	This Yea: Last Yr	r as % of ======= Average	
GUNLOCK	10.4	10.4	10.4	4.3	VIRGIN RIVER	5	23	80	
LAKE POWELL	24322.0	10993.0	8569.0		PAROWAN	2	27	84	
QUAIL CREEK	40.0	37.8	38.8	31.6	ENTERPRISE TO NEW HARMONY	. 2	0	0	
UPPER ENTERPRISE	10.0	10.0	10.0		COAL CREEK	2	26	85	
LOWER ENTERPRISE	2.6	2.4	2.6	115.5	ESCALANTE RIVER	2	10	21	
					E. GARFIELD, KANE, WASHIN	1 9	20	65	

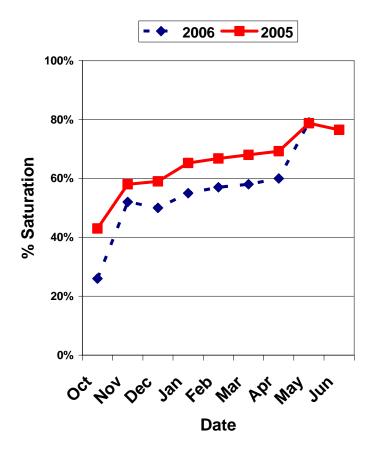
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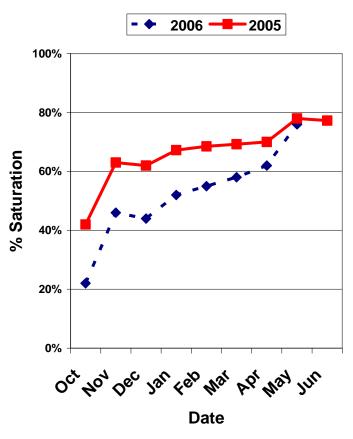
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Watershed Soil Moisture Charts for Utah Water Supply



Weber River Soil Moisture

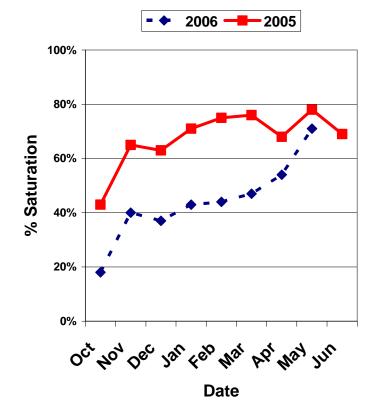


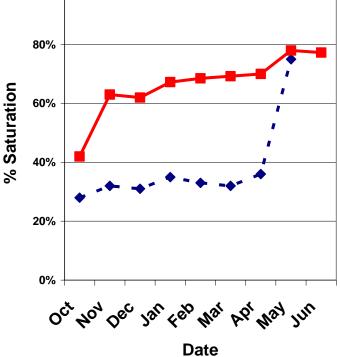


Uintah Basin Soil Moisture

Jordan/Provo River Soil **Moisture**

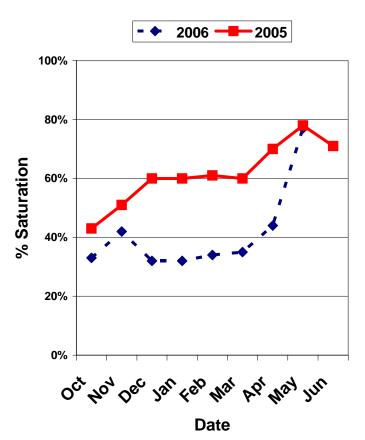
2005 2006 100% 80%



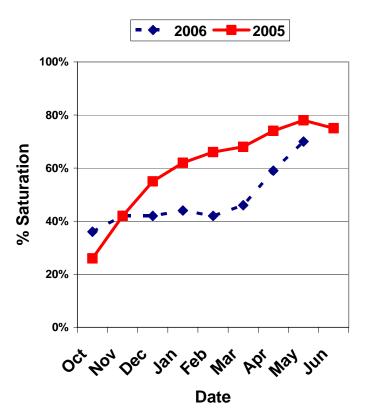


Watershed Soil Moisture Charts for Utah Water Supply

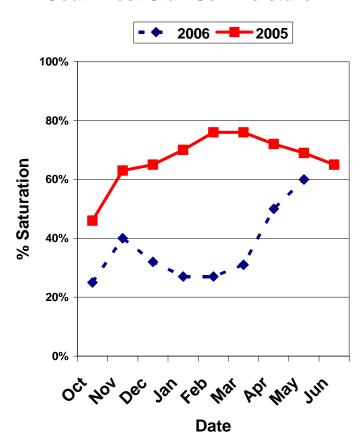
South East Utah Soil Moisture



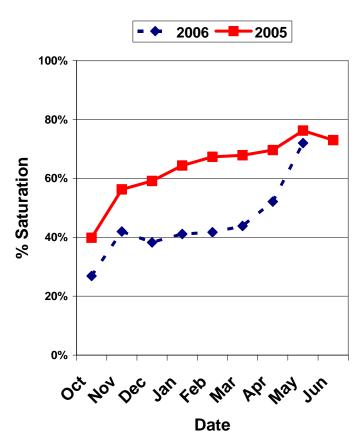
Sevier/Beaver River Soil Moisture



Southwest Utah Soil Moisture



Statewide Soil Moisture



UTAH			
SURFACE	WATER	SUPPLY	INDEX
Snow Surveys	NRCS	USDA	
Basin or Region	SWSI/%	Percentile	Years with
1-May-06			Similar SWSI
Bear River	-2.22	23%	90,02,61,62
Ogden River	2.78	83%	85,69,82,97
Weber River	0.20	53%	96,99,71,78
Provo	1.96	73%	74,96,80,69
West Uintah Basin	1.39	67%	95,96,86,05
East Uintah Basin	-0.60	43%	91,88,82,00
Price River	-1.17	36%	94,72,00,87
San Rafael	1.49	68%	98,82,96,93
Moab	-0.15	48%	82,91,94,92
Upper Sevier River	0.60	57%	70,2001,62,81
Lower Sevier River	0.90	60%	81,2000,70,79
Beaver River	1.20	64%	99,78,88,82
Virgin River	1.63	70%	00,01,92,98

What is a Surface Water Supply Index?

The Surface Water Supply Index (SWSI) is a predictive indicator of total surface water availability within a watershed for the spring and summer water use seasons. The index is calculated by combining pre-runoff reservoir storage (carryover) with forecasts of spring and summer streamflow which are based on current snowpack and other hydrologic variables. SWSI values are scaled from +4.1 (abundant supply) to -4.1 (extremely dry) with a value of zero (0) indicating media water supply as compared to historical analysis. SWSI's are calculated in this fashion to be consistent with other hydroclimatic indicators such as the Palmer Drought Index and the Precipitation index.

Utah Snow Surveys has also chosen to display the SWSI as a PERCENT CHANCE OF NON-EXCEEDANCE. While this is a very cumbersome name, it has the simplest application. It can be best thought of as a simple scale of 1 to 99 with 1 being the drought of record (driest possible conditions) and 99 being the flood of record (wettest possible conditions) and a value of 50 representing average conditions. This rating scale is a percentile rating as well, for example a SWSI of 75% means that this years water supply is greater than 75% of all historical events and that only 25% of the time has it been exceeded. Conversely a SWSI of 10% means that 90% of historical events have been greater than this one and that only 10% have had less total water supply. This scale is far more intuitive for most people and is totally comparable between basins: a SWSI of 50% means the same relative ranking on watershed A as it does on watershed B, which may not be strictly true of the +4 to -4 scale.

For more information on the SWSI go to: www.ut.nrcs.usda.gov/snow/ on the water supply page. The entire period of historical record for reservoir storage and streamflow is available.

SNOW COURSE DATA

MAY 2006

SNOW COURSE	ELEV.	DATE				
				CONTENT		
AGUA CANYON SNOTEL	8900	5/01	0	.0		
ALTA CENTRAL	8800	4/28		53.8		36.5
BEAVER DAMS SNOTEL	8000	5/01	7	1.9	.0	
BEAVER DIVIDE SNOTEL	8280		1	.6 49.3	.3	3.2
BEN LOMOND PK SNOTEL	8000	5/01	86	49.3		3.2 37.1
BEN LOMOND TR SNOTEL	6000	5/01	12	4.1	8.9 6.2	6.8
BEVAN'S CABIN	6450	4/26	5	1.9	6.2	5.0
BIG FLAT SNOTEL					33.6	
BIRCH CROSSING	8100	4/26	2	0.6	1.8	
BLACK FLAT-U.M. CK S		5/01	6	1.9		7.1
BLACK'S FORK GS-EF BLACK'S FORK JUNCTN			17 14	5.6 4.9	7.7 2.8	
BOX CREEK SNOTEL	9800		17	6.5	17 6	6.8
	10000		43		17.0 35.4	10.3 20.8
BRIGHTON SNOTEL	8750		64	31.2	35.2	25.0
	8700		76	34.5		23.6
BROWN DUCK SNOTEL			59	22.3	36.6	20.1
BRYCE CANYON	8000	5/01		0.0	Λ Λ	
BUCK FLAT SNOTEL	9800	5/01	48	21.4	16.0	15.6
BUCK PASTURE	9700	4/27	48	17.8	14.9	16.7
BUCKBOARD FLAT	9000	4/28	3	0.9 22.7	19.9	7.0
BUG LAKE SNOTEL	7950	5/01	47	22.7	21.5	18.0
BURT'S-MILLER RANCH			0	0.0	0.0	1.3
CAMP JACKSON SNOTEL			0	.0		6.4
CASCADE MOUNTAIN SNO		5/01	40 13	15.9	22.5	
CASTLE VALLEY SNOTEL		5/01	13	2.9	27.3	7.5
CHALK CK #1 SNOTEL CHALK CK #2 SNOTEL	9100		9E	27.9 12.1	26.3	25.3 12.0
CHALK CREEK #3	7500		∠ 5	0.0		1 0
CHEPETA SNOTEL	10300	5/01	21	12.4	28.4	12.1
CLAYTON SPRINGS SNTL					20.8	_
CLEAR CK RIDG #1 SNT		5/01	41	2.8 19.0	24.4	15.7
CLEAR CK RIDG #2 SNT			14	5.6	7.3	
CORRAL	8200	1/26	14 0	5.6 0.0	_	_
CURRANT CREEK SNOTEL	8000	5/01 5/01	0		.0	2.6
DANIELS-STRAWBERRY S	8000	J, J_		.0 10.3	12.1	
DILL'S CAMP SNOTEL	9200	5/01	26 0	11.2	11.4	9.4
DONKEY RESERVOIR SNO		5/01	0	.0	9.4	4.2
DRY BREAD POND SNTL			38 20	15.4	17.4	18.3
DRY FORK SNOTEL	7160		20	6.9	6.9	
EAST WILLOW CREEK SN			0	.0 50.5	4.7	3.0 31.8
FARMINGTON U. SNOTEL FARMINGTON LOWER SC						
FARMINGTON L. SNOTEL			40	31.0 14.8	15.4	22.4
FARMINGION L. SNOTEL		5/01	39	14.0	23.9	
FISH LAKE			3	1.3	7.8	
FIVE POINTS LAKE SNO			54	23.0	29.3	17.5
G.B.R.C. HEADQUARTER			37	15.8	10.7	14.2
	10000	4/26	74	32.4	28.2	25.8
GARDEN CITY SUMMIT	7600	4/27	40	16.6	18.2	14.7
GARDNER PEAK SNOTEL	8350	5/01	3	1.6	21.8	-
GEORGE CREEK	8840				-	-
GOOSEBERRY R.S.	8400	4/26	11	4.2	6.3	8.3
GOOSEBERRY R.S. SNTL			0	.0	.0	2.7
	6820	5/01	0	.0	.9	- .
HARDSCRABBLE SNOTEL		5/01	34	13.8	11.9	
	7700	5/01	0	.0	7.0	1.5
HAYDEN FORK SNOTEL HENRY'S FORK	9100 10000	5/01 4/27	34 30	14.9 10.8	9.8 9.9	
HEWINTA SNOTEL	9500	4/2/ 5/01	30 10	2.4	4.0	13.6 9.3
HICKERSON PARK SNTL		5/01	0	.0	2.8	5.7
HIDDEN SPRINGS	5500		0	0.0	0.0	-
HOBBLE CREEK SUMMIT			26	12.4	3.8	
HOLE-IN-ROCK SNOTEL			1	.5	1.9	4.7
HORSE RIDGE SNOTEL		5/01	43	20.6	17.0	
HUNTINGTON-HORSESHOE			73	33.2	27.6	
INDIAN CANYON SNOTEL	9100	5/01	10	3.3	17.0	7.9
JOHNSON VALLEY	8850	4/26	10	3.1	4.8	3.8

_	SNOW COURSE	ELEV.				LAST YEAR	
	JONES CORRAL G.S.	9720				_	_
	KILFOIL CREEK	7300	4/27	33	14.5	13.8	9.8
	KILFOIL CREEK KILLYON CANYON	6300	4/27 4/27	0	0.0	0.0	_
	KIMBERLY MINE SNOTEL KING'S CABIN SNOTEL	9300	5/01	17	6.7		
	KING'S CABIN SNOTEL	8730	5/01	-	.4	19.5 12.2	7.6
	KLONDIKE NARROWS KOLOB SNOTEL	7400	4/27	44	22.6 14.4	13.9	13.3 18.2
	KOLOB SNOTEL	9250	5/01	42	14.4	54.3	18.2
	LAKEFORK #1 SNOTEL	10100	5/01	33	10.4		11.5
	LAKEFORK BASIN SNTL	10900	5/01	68	10.4 27.6	25.4	23.8
	LAKEFORK MOUNTAIN #3	8400	4/27	0	0.0 15.2	5.6	1.8
	LAMBS CANYON	7400	4/27	36	15.2	8.8	8.7
	LASAL MOUNTAIN LOWER LASAL MOUNTAIN SNTL	8800	4/28	0	0.0	4.4	4.2
	LASAL MOUNTAIN SNTL	9850	5/01	0	.0	11.8	8.7
	LASAL MOUNTAIN SNTL LIGHTNING RIDGE SNTL LILY LAKE SNOTEL	8220	5/01	41	17.5	16.2	-
	LILY LAKE SNOTEL	9050	5/01	14	6.4	10.5	11.1
	LITTLE BEAR LOWER	6000	4/27	0	0.0	2.8	1.7
	LITTLE BEAR SNOTEL	6550	5/01	0	.0	.0	3.4
	LITTLE BEAR SNOTEL LITTLE GRASSY SNOTEL	6100	5/01	0	.0	.0 3.3	.0
	LONG FLAT SNOTEL LONG VALLEY JCT. SNT LOOKOUT PEAK SNOTEL	8000	5/01	0	.0	3.3	
	LONG VALLEY JCT. SNT	7500	5/01	0	.0	.0	.0
	LOOKOUT PEAK SNOTEL	8200	5/01	82	40.7	36.7	20.4
	LOST CREEK RESERVOIR	6130	4/27	Ü	0.0	0.0	
	LOUIS MEADOW SNOTEL	6700	5/01	27	13.4	9.3	-
	MAMMOTH-COTTONWD SNT				17.6	16.7	16.0
	MERCHANT VALLEY SNTL	8750	5/01	19	7.1	18.9	
	MIDDLE CANYON	7000	4/26		6.1	6.4	7.8
	MIDWAY VALLEY SNOTEL	9800	5/01	59	23.0	69.1	23.2
			4/27		26.9	19.0	
	MILL-D NORTH SNOTEL	8960	5/01	67	31.3	34.7	21.7
	MILL-D SOUTH FORK	7400	4/27	48	22.2		
	MINING FORK SNOTEL MONTE CRISTO SNOTEL	8000	5/01	43	20.2	25.3	18.3
	MONTE CRISTO SNOTEL	8960	5/01	72	34.1	32.2	28.3
	MOSBY MTN. SNOTEL MT.BALDY R.S.	9500	5/01	26	7.3	22.6	12.0 24.6
	MT.BALDY R.S.	9500	4/26		33.0		
	MUD CREEK #2	8600	4/26 4/26	44	20.0	12.5	8.4
	OAK CREEK	7760	4/26	30	10.5		
	PANGUITCH LAKE R.S. PARLEY'S CANYON SNTL	8200	4/26	0	.0	5.1	
	PARLEY'S CANYON SNTL	7500	5/01	24	9.9	8.7	
	PARRISH CREEK SNOTEL PAYSON R.S. SNOTEL	7740	5/01	69 21	34.0	28.0	
	PAYSON R.S. SNOTEL	8050	5/01	21	8.3	12.8	
	PICKLE KEG SNOTEL PINE CREEK SNOTEL	9600	5/01	35	17.3 13.2	7.7	14.1 21.2
	PINE CREEK SNOTEL	8800	5/01	30	13.2	22.9	21.2
	RED PINE RIDGE SNTL REDDEN MINE LOWER	9200	5/01	43	19.1 17.2	12.6	13.0 15.6
	REDDEN MINE LOWER	8500	4/27	39	17.2	19.7	
	REES'S FLAT	7300	4/26	18	6.3	3.1	7.3
	ROCK CREEK SNOTEL						1.4
	ROCKY BN-SETTLEMT SN			50		35.4	
	SEELEY CREEK SNOTEL			42	16.7	17.7	
	SMITH MOREHOUSE SNTL	7600	5/01 5/01	16	5.7	9.1	
				132	68.9	67.3	
	SPIRIT LAKE	10300	4/27	26	9.5	19.8	
	~	9300	4/26	8	2.7	8.4	
	STEEL CREEK PARK SNO		5/01	48	18.4	17.7	
		8550		6	2.4	4.2	6.8
	STRAWBERRY DIVIDE SN			30	14.5	12.3	11.3
	SUSC RANCH	8200	4/26	0	.0	9.8	2.2
	TALL POLES	8800	4/26	21	8.1	18.8	10.9
	TEMPLE FORK SNOTEL			26	11.6	13.0	- 22 F
	THAYNES CANYON SNTL THISTLE FLAT			71	31.9	44.2	
		8500		44	19.3	_	_
	TIMBERLINE	9100	4/26	5 51	1.7		
	TIMPANOGOS DIVIDE SN			51	20.8	37.7	
	TONY CROVE B C			100	51.8	45.1	
	TONY GROVE R.S.	6250	4/27	8 74	3.0	2.0	3.2
	TRIAL LAKE		4/27 5/01	74 64	32.9	29.8	25.2
	TRIAL LAKE SNOTEL	9960	5/01 5/01	64	33.2	32.4	
		9400	5/01 4/26	2 26	.7 9.8	14.6	7.8 5.0
	UPPER JOES VALLEY	8900 7500	4/26			4.0	5.0
		7500 7670	5/01	4	.6	12.4	4.5
	VIPONT WEBSTER FLAT SNOTEL		E / 0.1	c	2.4	- 27.7	- 6.8
	WHITE RIVER #1 SNTL		5/01 5/01	6 18	4.8		6.8 7.7
	WHITE RIVER #1 SNTL WHITE RIVER #3	7400	5/01 4/26	18	4.8 0.0	9.0 0.0	.5
		9500	4/26 5/01	12	2.9	26.5	9.5
	WRIGLEY CREEK		4/26	27	9.6	11.1	7.3
	YANKEE RESERVOIR	9000 8700	4/26	27 9	9.6 2.8E	13.0	6.0
	TIME KESEKVUIK	5700	4/4/	9	2.0E	13.0	0.0



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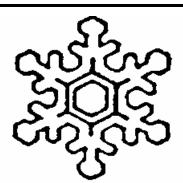
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http://www.ut.nrcs.usda.gov/snow/

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Utah Water Supply Outlook Report

Natural Resources Conservation Service Salt Lake City, UT

